

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3300 ft. Lat: 33.1908° N Lon: 102.2681° W
Station: **BROWNFIELD #2, TX US USC00411128**
Generated on 04/28/2024

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	55.1	26.7	40.9	4.3	2.6	2.8	3.0	1.2	0.2	0.0	0.0	0.0	440.0	500.2	592.2	747.0	0.0	0.0	21.7	2.1	24.7	0.0
02	59.9	29.7	44.8	4.4	2.8	3.2	14.5	8.5	3.3	0.6	0.0	0.0	300.0	350.0	428.8	566.1	0.0	0.0	21.6	1.0	18.1	0.0
03	68.2	37.2	52.7	3.7	3.3	3.0	80.8	57.0	30.5	7.5	1.0	0.2	152.1	190.3	256.8	388.8	0.0	0.3	28.3	0.3	9.0	0.0
04	76.6	44.6	60.6	3.2	2.6	2.5	210.9	167.0	109.9	41.3	9.1	4.3	42.9	59.0	91.9	173.3	0.0	2.4	29.2	0.0	2.1	0.0
05	84.5	55.5	70.0	4.3	2.1	2.9	470.6	411.8	327.0	199.9	98.9	68.8	5.6	8.8	17.0	44.9	1.4	11.2	30.9	0.0	0.1	0.0
06	92.2	64.5	78.3	3.5	1.8	2.6	700.4	640.4	550.6	401.3	256.2	201.5	0.0	0.1	0.2	1.0	4.6	20.1	30.0	0.0	0.0	0.0
07	93.6	67.5	80.6	3.3	1.5	2.3	792.0	730.0	637.0	482.3	328.8	268.3	0.0	0.0	0.0	0.3	4.5	24.6	31.0	0.0	0.0	0.0
08	92.5	66.1	79.3	3.5	1.7	2.5	753.2	691.2	598.2	443.5	290.8	231.8	0.0	0.0	0.0	0.3	3.0	22.6	31.0	0.0	0.0	0.0
09	85.2	58.7	72.0	3.5	2.3	2.5	510.9	452.2	365.5	229.2	113.2	75.5	2.4	3.7	7.0	20.7	0.6	10.2	29.9	0.0	0.0	0.0
10	76.4	47.3	61.8	2.7	2.4	2.0	249.7	201.2	137.3	57.4	14.4	5.8	37.4	50.9	80.0	155.2	0.1	2.5	30.1	0.1	1.3	0.0
11	64.3	35.6	49.9	4.4	2.8	3.3	49.8	32.8	15.2	2.6	0.2	0.0	201.2	244.2	316.6	454.0	0.0	0.0	26.2	0.5	10.8	0.0
12	55.8	28.0	41.9	3.5	2.0	2.3	5.0	2.1	0.4	0.0	0.0	0.0	410.9	470.1	561.4	716.0	0.0	0.0	21.9	1.3	22.8	0.0
Summary	75.4	46.8	61.1	3.7	2.3	2.7	3841	3395	2775	1866	1113	856	1592	1877	2352	3268	14.2	93.9	331.8	5.3	88.9	0.0

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)								
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount		
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels		
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75
01	0.69	3.4	1.5	0.4	0.1	0.02	0.43	1.14
02	0.62	3.3	1.8	0.2	0.1	0.20	0.44	0.77
03	1.07	3.8	2.2	0.7	0.3	0.29	0.60	1.74
04	1.31	3.5	2.4	0.8	0.3	0.31	1.12	1.94
05	2.20	5.7	3.3	1.4	0.7	0.49	1.60	3.13
06	2.67	6.5	4.2	2.0	0.8	1.28	2.45	4.16
07	1.94	5.2	3.2	1.2	0.6	0.73	1.47	2.59
08	1.80	5.7	3.3	1.2	0.5	0.71	1.44	2.73
09	2.56	6.2	3.9	1.7	0.7	0.70	1.83	3.81
10	1.57	5.2	2.8	1.0	0.4	0.40	0.86	2.12
11	0.88	3.7	1.7	0.5	0.2	0.09	0.41	1.20
12	0.74	3.3	1.8	0.5	0.1	0.05	0.54	1.37
Summary	18.05	55.5	32.1	11.6	4.8	5.27	13.19	26.70

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	1.40	1.0	0.6	0.1	0.1	0.0	0.8	0.1	0.0	0.0	0.00	0.30	1.80
02	1.20	1.0	0.5	0.1	0.1	0.0	0.5	0.1	0.0	0.0	0.00	0.00	1.80
03	0.30	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.10	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	0.5	0.3	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.60
12	1.20	0.8	0.5	0.2	0.1	0.0	0.8	0.5	0.1	0.0	0.00	0.00	1.70
Summary	5.0	3.7	2.0	0.5	0.3	0.0	2.6	0.8	0.1	0.0	0.0	0.3	5.9

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	125.7	190.1	411.3	620.4	930.0	1150.3	1257.0	1218.1	958.5	679.9	324.3	144.0
45	54.7	102.9	278.6	475.2	775.3	1000.3	1102.0	1063.1	808.7	528.9	207.1	67.9
50	17.2	45.6	165.5	336.6	621.5	850.3	947.0	908.1	659.4	383.6	112.8	23.3
55	3.0	14.5	80.8	210.9	470.6	700.4	792.0	753.2	510.9	249.7	49.8	5.0
60	0.2	3.3	30.5	109.9	327.0	550.6	637.0	598.2	365.5	137.3	15.2	0.4
Growing Degree Units for Corn (Monthly)												
50/86	127.9	168.3	292.7	404.8	582.5	743.8	821.4	796.6	621.7	431.4	232.0	134.0

Growing Degree Units (Accumulated Monthly)												
40	126	316	727	1348	2278	3428	4685	5903	6861	7541	7866	8010
45	55	158	436	911	1687	2687	3789	4852	5661	6190	6397	6465
50	17	63	228	565	1186	2037	2984	3892	4551	4935	5048	5071
55	3	18	98	309	780	1480	2272	3025	3536	3786	3836	3841
60	0	4	34	144	471	1022	1658	2257	2622	2760	2775	2775
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	128	296	589	994	1576	2320	3141	3938	4560	4991	5223	5357

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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